

A.I.A. FILE NO. 6E

LUJON

series

300

rolling
ALUMINUM
WINDOWS

DESIGNED expressly for

COMMERCIAL
projects



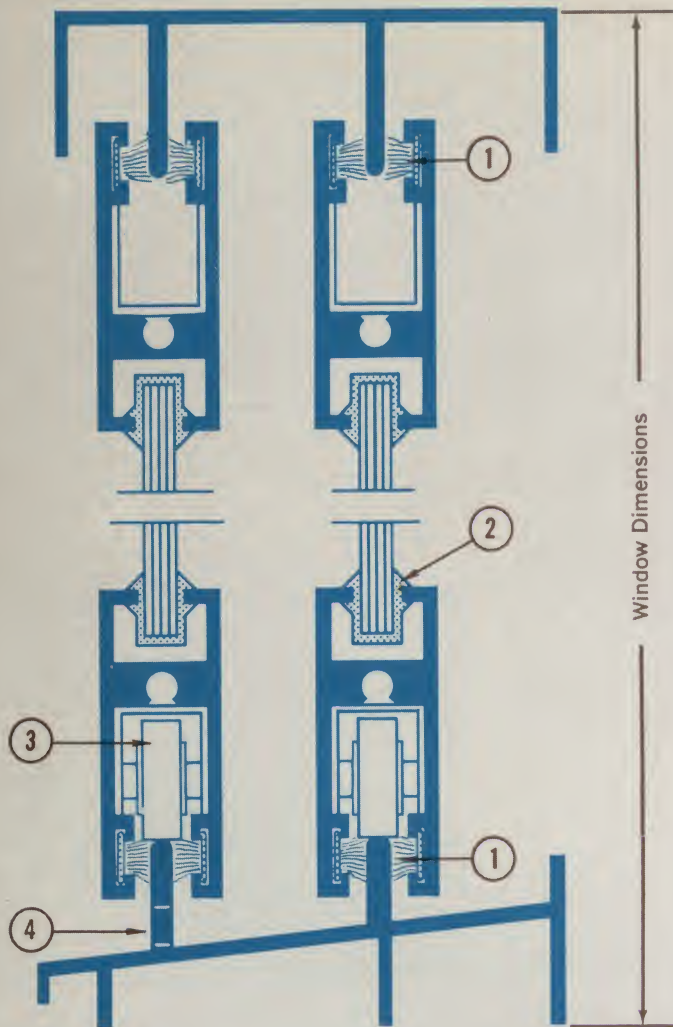
A.I.A. FILE NO. 16E

LUJON corporation

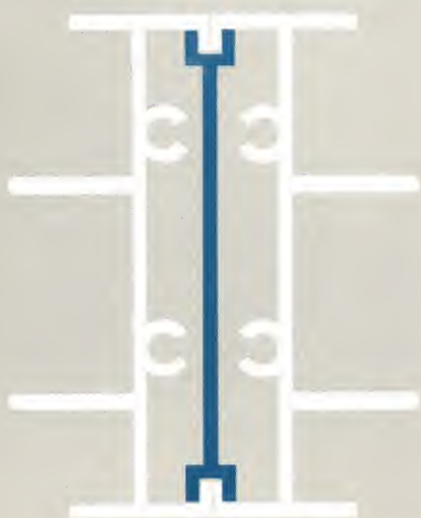


FULL SIZE DETAILS

HEAD SECTION



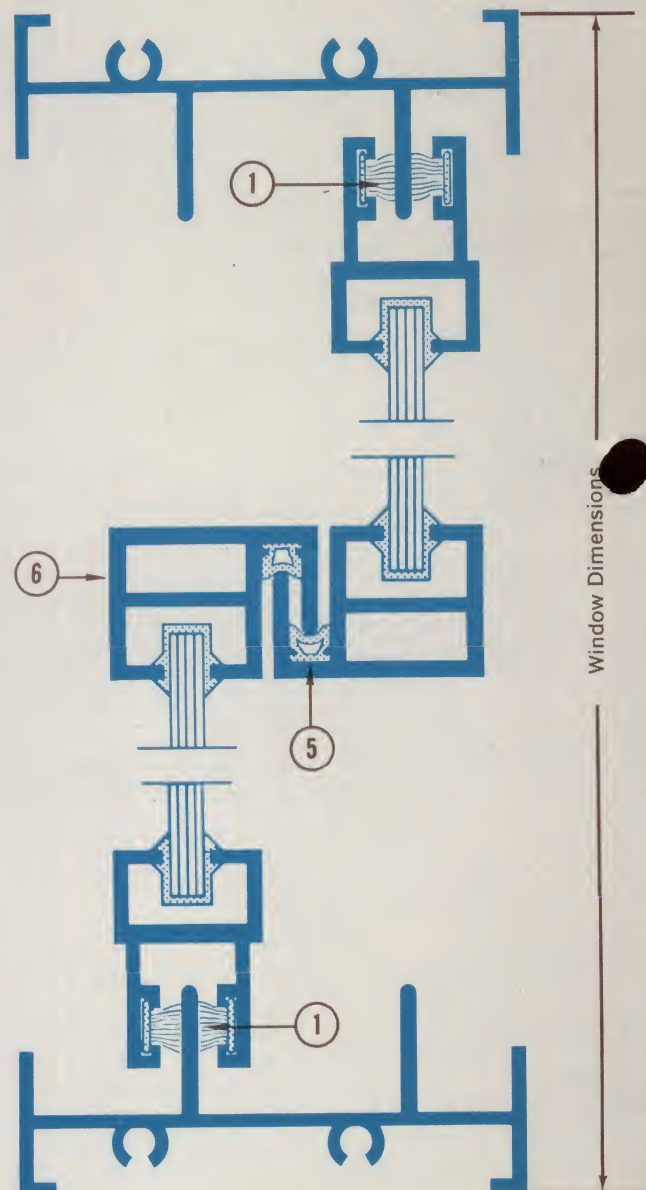
SILL SECTION



VERTICAL MULLION DETAIL

- ① Double Mohair Pile Weatherstrip
- ② Vinyl Glazing Channel
- ③ Nylon Rollers
- ④ Exterior Drainage
- ⑤ Hollow Vinyl Weatherstrip
- ⑥ Tubular Interlocking Stiles

JAMB SECTION



FEATURES

LUJON
series
300
OFFERS:

Size Variety

dimensional flexibility to accommodate a multitude of architectural requirements.

Strength Through Design

careful selection of materials and manufacturing processes which insure structural integrity.

Maximum Weather Proofing

continuous double mohair weatherstripping to insure protection under all climatic conditions.

Easy Maintenance

a by-pass feature which provides easy access for cleaning; interior removal of sash simplifies damage replacement.

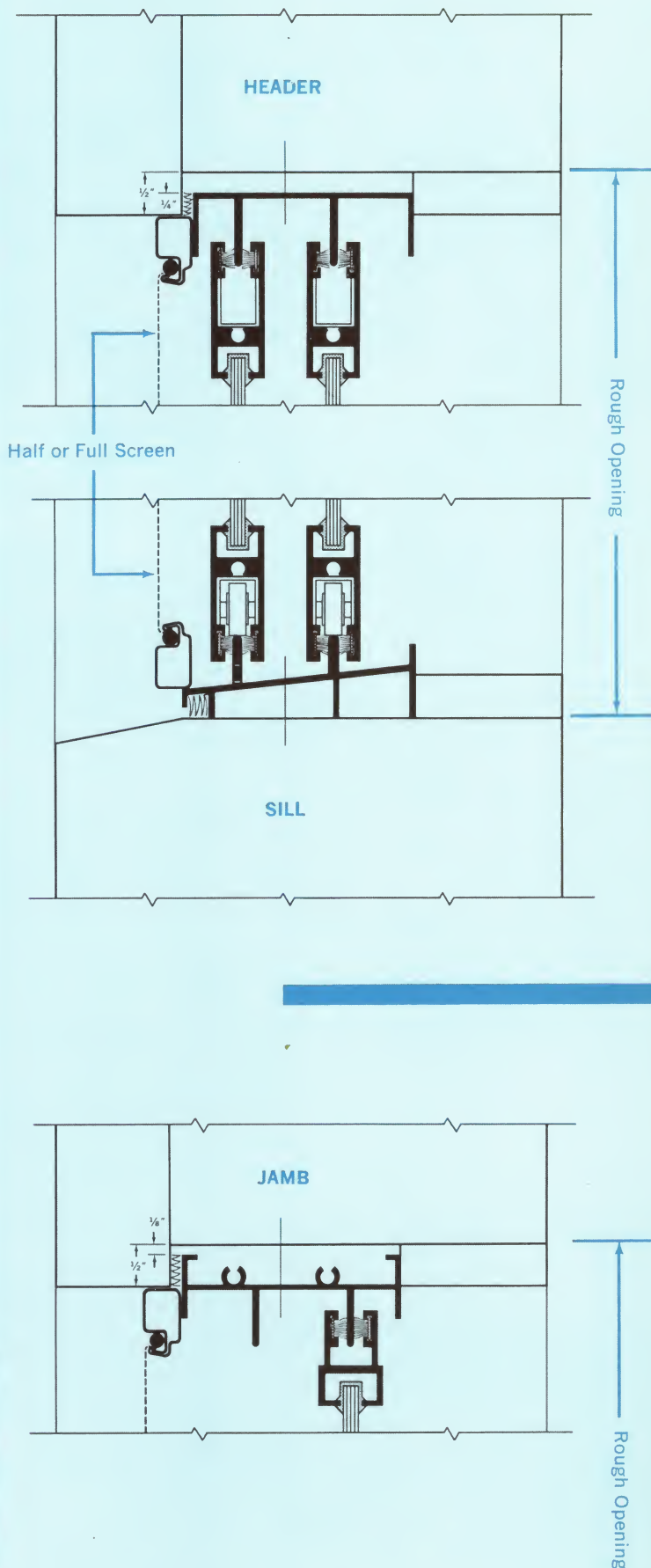
Visual Appeal

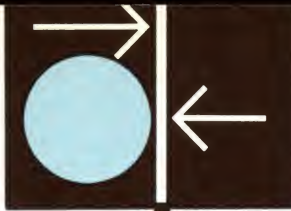
elegant linear continuation due to slim line design.

TYPICAL INSTALLATION DETAILS

1/2 Scale

14
LU





SPECIFICATIONS

GENERAL All sliding aluminum windows as shown on plans and to be furnished under this contract shall be "LUJON, SERIES 300" as manufactured by Lujon Corporation, Van Nuys, California. Windows shall conform or exceed specifications as set forth by A.W.M.A. and State of California, Division of Architecture.

MATERIALS All frame and sash members shall be manufactured from 6063-T5 extruded aluminum alloy. Sill tracks shall have a minimum thickness of .125 inch, all other frame and sash members shall have a minimum thickness of .063 inch. Frame members shall be at least 2 5/8 inches wide. Sash members shall be at least 5/8 inch wide. Meeting (interlocking) stiles shall be a hollow extruded shape having a wall thickness of .080 inch.

CONSTRUCTION Frame: All corners shall be mechanically joined so as to provide a waterproof interlocking joint. Provision shall be made in sill for exterior drainage of water. Frame members shall be secured with cadmium plated metal screws.

Sash: Meeting stiles shall be constructed of hollow extruded section. All corners shall be mechanically joined so as to provide a waterproof, twist-proof joint and secured with cadmium plated metal screws. Sash shall roll on at least two (2) nylon rollers inserted in nylon housing to insure a quiet, smooth operation. All sash shall be removable from the inside of building.

HARDWARE Manually operated locks shall be provided to allow sash to by-pass each other. Sash shall not be removable from outside when in locked position.

WEATHERSTRIPPING Continuous double mohair weatherstripping of the highest quality shall be used in closing stiles and top and bottom rails to provide double weatherstripping at all points where sash makes contact with the frame. Hollow extruded vinyl shall be used to weatherstrip meeting stiles. All glass shall be glazed with vinyl glazing channel. Weatherstripping shall provide maximum protection under all weather conditions.

FINISH (When specified) All frame and sash members shall be anodized to comply with the requirements of Alcoa specification 204-R1.

SCREENS (When specified) Screens shall be manufactured from 3/4 inch roll formed tubular aluminum. Screen cloth shall be aluminum or fiberglass 18x14 mesh. Screens shall be designed for mounting on the outside of the window.

INSTALLATION (When specified) Installation shall be by Lujon Corporation or its authorized representative. Windows shall be securely set into place and properly weathersealed. Glass shall be furnished, shop glazed and installed. The General Contractor shall be responsible for providing rough openings according to plans and specifications. General Contractor shall be responsible for protection of the window during the course of construction and shall be responsible for cleaning all portions of the windows after completion of the building.

TYPES



TYPE 300-1

STANDARD SIZES: Any size in increments of four inches in width to a maximum of eight feet and increments of two inches in height to a maximum of six feet.



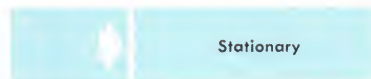
TYPE 300-2

STANDARD SIZES: Any size in increments of four inches in width to a maximum sixteen feet and increments of two inches in height to a maximum six feet.



TYPE 300-3

STANDARD SIZES: Any size in increments of four inches in width to a maximum twelve feet and increments of two inches in height to a maximum of six feet.



TYPE 300-4

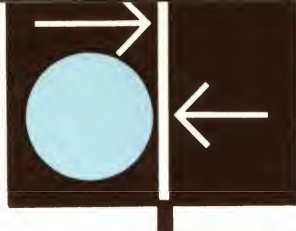
STANDARD SIZES: Any size in increments of four inches in width to a maximum of ten feet and increments of two inches in height to a maximum of six feet.



TYPE 300-5

STANDARD SIZES: Any size in increments of four inches in width to a maximum of ten feet and increments of two inches in height to a maximum of six feet.





SPECIFICATIONS

TYPES

GENERAL All sliding aluminum windows to be furnished under this contract shall conform to the standards of the Aluminum Association and State of California.

MATERIALS All frame and sash shall be 6063-T5 extruded aluminum with a minimum thickness of .125 inches. Sashes shall have a minimum width of 2 5/8 inches and a minimum height of 3 1/2 inches. Meeting stile shall be extruded shape having a width of 1/2 inch.

CONSTRUCTION Frame: All windows shall be constructed so as to provide a waterproof joint. Sill for exterior drainage shall be secured with cadmium plated screws. Sash: Meeting stiles shall be constructed so that the sash section. All corners shall be reinforced with metal screws. Sash shall be inserted in nylon housing to sash shall be removable from the frame.

HARDWARE Manually operated sash to by-pass each other outside when in locked position.

WEATHERSTRIPPING Containing the highest quality and bottom rails to provide where sash makes contact with the frame shall be used to weatherstrip glazed with vinyl glazing compound for maximum protection under the sash.

FINISH (When specified) All aluminum to comply with the requirements of the AIA 204-R1.

SCREENS (When specified) 3/4 inch roll formed tubular aluminum or fiberglass 18x24 for mounting on the outside of the sash.

INSTALLATION (When specified) The contractor or its authorized representative shall securely set into place and fasten the windows, shop glazed and sash shall be responsible for preparing plans and specifications. The contractor shall be responsible for protection of the windows and shall be responsible for the windows after completion of the building.

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